1								,					C		1 (A) of 1	0
SUBSTITUTE (MODIFIED)	FORM F	PTO-14	149					U.S. DEPA PATENT A	RTM	ENT OF COMMERCE		DOCKET NO		SERIAL 08/980		<u> </u>
							DIS('AP	CLOSURE PLICANT	6	TADEMAND OFFICE	APPLI Smith		-			
(37 CFR 1.98	3(b))	(U	se s	ever	al s	heet	ts if	necessary)		Se outil		DATE nber 1, 1997	I .	GROUI 3661	.	
								U	.S. F	PATENT DOCUMENTS						
EXAMINER INITIAL		PA	TEN	IT N	UME	BER		ISSUE DATE		PATENTEE		CLASS	SUBCL	ASS	FILING DA	
	A.A															<u>.</u>
	A.B															
	A.C															
	A.D														<u> </u>	
	A.E								_						r) (4	9—
***	A.F		<u> </u>													り パ
	A.G														× 23 _	17
	A.H		_										ļ		F 23 1	<u> </u>
	A.I															ر
	A.J		_												3	
	A.K												<u>.</u>			
	•			i	FOR	REIG	N P	ATENTS OF	PU	BLISHED FOREIGN PAT	ENT AF	PLICATIONS	т			
			DOC NU	UME				PUBLICATI DATE	ON	COUNTRY C PATENT OFFI		CLASS	SUBCL	ASS	TRANSLATI (YES/NO	
	A.L						\perp									
	A.M												ļ			
	A.N												ļ			
	A.0															
	A.P												ļ			
	A.Q		_													
				0	THE	ER C	ОС	UMENTS (II	ncluc	ding Author, Title, Date	, Place	of Publication)			
ma	A.B	Malo	ry D	avie	s, <u>C</u>	On tl	ne R	ight Track,	Dist	ribution, December 19	94					
my	A.S	Race	cab	Ente	erpri	ises	, L.C	., <u>RACECA</u>	B.C	OM Web Site, http://w	ww.rac	ecab.com/tec	hnology,	1999		
mn	A.T	Logis http:	stics ://wv	Mar ww.r	nage man	eme lufa	nt V cturi	Veb Site An	ticle, azin	Fleet Software Picking e/logistic/archives/199	g a Wini 7/log08	ning Hand, 01tsoft.htm,	August 1	, 1997	· <u> </u>	

DATE CONSIDERED

EXAMINER

EXAMINER: Initial of citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

r								·							Sheet _	2 (B)	of <u>10</u>
SUBSTITUTE (MODIFIED)	FORM F	PTO-	1449)			U.S PA	S. DEPAR TENT AN	TME D T	ENT OF COMMERCE RABEMARK OFFICE	ı	ATTY. DO	OCKET NO.		SERIAL 08/980		
							ISCLU	SURE CANT	- 7	Kin 20 mm sign		APPLICAI Smith et					
(37 CFR 1.9	8(b))		Use	seve	ral s	heets	if ne	cessary)	/	(100)		FILING DA			GROUP 3661	·	
								U.S	S. P.	ATEN TO CUMENTS	; —			,			
EXAMINER INITIAL		F	ATE	1 ТИ	IUMI	BER		ISSUE DATE		PATENTEE			CLASS	SUB	CLASS		IG DATE ROPRIATE
	B.A																
	B.B														<u>-</u>		
	B.C														<u>ය</u>		<u>기</u>
	B.D														00	MAR 2	\odot
	B.E														MAIL	3	1
	8.F															2000	ED
	B.G	Ц			_										MOON		
. <u> </u>	В.Н				$oldsymbol{\perp}$,	<i>هد</i>		·····
	B.I																
	B.J										_						
	B.K			<u></u>													
					FOR	EIGN	PATE	NTS OR	PUB	LISHED FOREIGN PA	TE	NT APPLI	CATIONS			-	<u>-</u>
		DOCUMENT NUMBER					PU	BLICATIO DATE	N	COUNTRY O			CLASS	SUB	CLASS		ISLATION ES/NO)
	B.L																
	В.М																
	B.N	_															
	B.O						-										
·	B.P			-													
	B.Q																

B.R MDSI Web Site, Advantex-Telecommunications, http://www.mdsi-advantex.com/03pr/0307.html, November 27, 1998

Intergraph Utilities Web Site, Computer aided dispatch for utilities. Streamlining field operations is more important than ever., http://www.intergraph.com/utilities/dispatch.asp, copyright 2000

3M INFO System Web Site, <u>INtegrated Fleet Operations (INFO) System Information Page</u>, http://www.3m.com/its/infosys.html, printed 3/13/2000

EXAMINER

В.Т

DATE CONSIDERED

EXAMINER: Initial if wation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Sheet	3 (C)	of	10
SHEEL	3 101	_ ()	-10

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT (MODIFIED) PATENT AND TRAD									ELICE		ATTY. DO TRAK/02[OCKET NO. DIV		08/980			
						SCLOSURE APPLICANT	R	E 10	231		APPLICAN Smith et a						
(37 CFR 1.98	3(b))	(Us	e seve	eral sh	eets	if necessary)	0	1. R 2 0 200	MARK GFEICE		FILING DA December			GROUF 3661	•		
			,			U.S		IT DOCUA	-,50/								
EXAMINER INITIAL		PAT	ENT	NUMB	ER	ISSUE DATE		PATE	NTEE			CLASS	SUBC	CLASS		LING D. PPROP	
	C.A					,							-				
	C.B													 -		.,	
	C.C			П										<u>င့်</u>		70	
	C.D							,						00		O	•
	C.E						_							MA A A I I	23		
	C.F														2000		
	C.G													700X	<u>ت</u>		
	C.H													Z			_
	C.I			П					_								
	C.J																
	C.K																
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICAT DOCUMENT PUBLICATION COUNTRY OR																	
			OCUM NUME			PUBLICATIO DATE	N	COUN				CLASS	SUBO	CLASS		ANSLA (YES/N	
	C.L														ļ		
	C.M																
	C.N																
	C.O																
	C.P																
	C.Q																
			(OTHE	R DO	CUMENTS (Inc	luding A	uthor, Titl	e, Date	e,	Place of P	ublication)					
mm	C.R					AC Web Site, sone.net/jchristi								· · · · · · · · · · · · · · · · · · ·			. —
mar	c.s					eb Site, <u>Maste</u> vare/master_dis						utomatic D	ispatch	ing),			
mn	C.T					ns Web Site, <u>L</u> vs/winter98/gp			obal Po	osi	tioning Sy	stem (GPS	<u>S)</u> ,				
EXAMINER	m	1	بہ	w				DATE	CONS		ERED /9/0-	Ð					
EXAMINER:	nitial if	Vation				ther or not in co	onforma	nce. Drav	/ line tl	<u>c</u> hrf	ough citat	ion only if	not in o	conforma	ance a	nd not	
						next communic					J					_	

,															Sheet	4 (D)	of <u>10</u>
SUBSTITUTE (MODIFIED)	FORM F	PTO-1	1449	9			-	U.S. DEPART	TME D J	ENT OF COMMER	RCE ICE	ATTY. DO	OCKET NO.		SERIAL 08/980		
								CLOSURE /	\Q -	And The state of t	<u> </u>	APPLICAI Smith et					
(37 CFR 1.98	3(b))	(Use	seve	eral s	heet	ts if	necessary)	0	PEDEMORS OFF		FILING DA	ATE r 1, 1997		GROUP 3661	•	
									$\overline{}$	ATEMITED O COME			-	-			
EXAMINER INITIAL		Р	ATE	ENT 1	NUM	BER		ISSUE DATE		PATENT	EE		CLASS	SUBC	CLASS		IG DATE ROPRIATE
· · · · · · · · · · · · · · · · · · ·	D.A																
	D.B																<u> </u>
	D.C														TC		
	D.D														36	: \$ c	<u> </u>
	D.E							-							ומו	R 2	် <u>ဋ</u> ္ဌ
	D.F														ήAľ	ယ	OF VE
	D.G															2000	<u> </u>
	D.H														HOOR		
-	D.I																
	D.J																
	D.K																
	•				FOF	REIG	NΡ	ATENTS OR F	PUB	LISHED FOREIGN	I PA	TENT APPL	ICATIONS				
				OCUN				PUBLICATIO DATE	2	COUNT PATENT			CLASS	SUBO	CLASS		ISLATION ES/NO)
	D.L																
	D.M																
	D.N																
	D.O																
	D.P										·						
D.Q																	
	•				отн	ER C	юс	UMENTS (Inc	ludi	ng Author, Title,	Date	e, Place of I	Publication)				
mM	D.R			ir We 000	b Sit	e, <u>E</u>	mer	gency Road S	Serv	ice - Integration,	http	o://www.mc	bilair.qc.ca	/eng/ro	adse.htm	n, printe	d
mW	D.S	AT htt	S W p://v	eb S www	ite, <u>/</u> .ltss	<u>\ir G</u> .com	irou n/at	nd Transporta s.htm, printec	atio 13/	n: Case Study Lo 13/2000	os Ai	ngeles Inter	national Air	port (L	AX) Syst	em Ove	rview,
min	D.T	SIG	STEC	C We	b Sit	e, <u>S</u>	IGT	EC Systems,	http	://www.sigtec.c	om.a	au/page1.ht	ml, 1997				
EXAMINER			DATE CONSIDERED														

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not

considered. Include a copy of this form with next communication to applicant.

Substitute Disclosure Form (PTO-1449)

Sheet	5_(E)	of	10

SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT (MODIFIED) PATENT AND TREE								ARK OFFICE	TRAK/02	OCKET NO.		30,645
						SCLOSURE /	/ ~ V	` .Y-1	APPLICA Smith et			
(37 CFR 1.98	3(b))					if necessary)	A Till	Benns	FILING D	ATE er 1, 1997	GROU 3661	
						U.S.	PATENT	DOCUMENTS				
EXAMINER INITIAL		PAT	ENT N	NUMBE	R	ISSUE DATE		PATENTEE		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	E.A											
	E.B											
	E.C									671		
	E.D								<u>.</u>	<u> </u>	က	
	E.E						<u></u>				36 CC	R
	E.F											23 CE
	E.G										<u> </u>	VED /
	E.H										ROOM	
	E.I										웊	:
	E.J											
	E.K									l		<u> </u>
			<u></u>	FORE	GN	PATENTS OR P	UBLISHED	FOREIGN PA	TENT APPL	ICATIONS		
			OCUM NUME			PUBLICATION DATE	ı	COUNTRY (CLASS	SUBCLASS	TRANSLATION (YES/NO)
	E.L						_			ļ		ļ
	E.M											
	E.N											
	E.O							 			_	
	E.P											
	E.Q				_					<u></u>	<u> </u>	1
	/					CUMENTS (Incl						
no	E.R	Willian http://	ms, Ru /www	udi, <u>Do</u> .defen:	D_Eli selin	iminating Paper k.mil/news/Jun	Mileage S 1998/n06	<u>Search</u> , Americ 291998_9806	an Forces 6293.html,	Press Service June 17, 1	ce, DefenseLIN 998	K Web Site,
mov mW	E.S	Web.r Reduc 3/13/	ing G	eb Site reenho	6. use	INTELLIGENT T Gas Emissions;	<u>ranspol</u> http://ww	RTATION SYS	<u>TEMS</u> , The ers/ortee/ti	Role of Tra	ansportation Te n/report3/chap	echnologies in 6.html, printed
mW	E.T	Powe	rful Sc	Group's oftware , 1997	Too	eb Site Press Re ol for Expedient	lease, <u>The</u> Routing a	e Lightstone G and Scheduling	roup Provid , http://wv	des Food Dis vw.lightstor	stribution Com ne.com/press/p	panies with a r1997-10-14.html,
EXAMINER	m	15-	Į.,	O F	1	•		DATE CONS	SIDERED /	OU .		
EXAMINER: considered.	Initial if	entation a copy o	consider this	dered, v	√ wher vith	ther or not in co	onformanc ation to a	e. Draw line t	through cita	ation only if	not in conform	nance <u>and</u> not

Sheet	6 (F)	of	10

SUBSTITUTE (MODIFIED)	FORM F	PTO-1449	•			U.S. DEPART PATENT ANI	D TRADES	GOMMERCE MARICOFFICE		ATTY. DO	OCKET NO. DIV		SERIA 08/98	
					DISC	LOSURE	10	10 July 3		APPLICAT				
(37 CFR 1.98	R/h))	(Use	seve	ral shee	ets if	necessary)	438			FILING DA			GROU! 3661	P
107 6711 1.50						U.S	. PATENT	ATENT MENT	 s					·
EXAMINER	<u> </u>				T	ISSUE								FILING DATE
INITIAL		PATE	NT N	UMBEF	1	DATE		PATENTEE			CLASS	SUBC	CLASS	IF APPROPRIATE
	F.A		_										_	
	F.B		\perp											
	F.C													
	F.D									<u>.</u>				
	F.E												5	
	F.F		\perp										က	REC
	F.G												00	2 C
	F.H												Ä A	3 <u>IV</u>
	F.I				Ш									E D 2000
	F.J											ROOM		
	F.K													
FOREIGN PATENTS OR PUBLISHED FOREIGN PATENT APPLICATIONS TRANSLAT TRANSLAT														,
			CUM UMBI		1	PUBLICATIOI DATE	N	COUNTRY PATENT OF			CLASS	SUBC	CLASS	TRANSLATION (YES/NO)
	F.L							······						
	F.M						_							
	F.N													
	F.O													
	F.P													
	F.Q					-								
	,		С	THER	DOCL	JMENTS (Inc	luding Aut	hor, Title, Da	te,	, Place of F	Publication)			
m.n	F.R							olems or Prof ise_1.html, C			ine, April-J	une 19	97	
my	F.S	Norther http://lil	n Ligl brary.	ht Web nother	Site, nlight	PC User - M .com/LW199	y cab man 17092304	nagement Sys 0199382.HT	te ML	<u>m</u> , .?CB=0&S	SC=0, 199	5		
mw	F.T					ed Wide Area ed 3/13/00	Road Use	Monitoring,	htt	p://home.e	arthlink.ne	t/~dma	alick?CV	VAR
EXAMINER	W	1 (م	en l	M	•		DATE CON	SII	DERED 19/0	ð			
EXAMINER: I considered.									th	rough citat	ion only if	not in c	conforma	ance <u>and</u> not

,					(Sheet	7 (G) of 10	
SUBSTITUTE (MODIFIED)	FORM F	PTO-14	49						COMMERCE		ATTY. DO	OCKET NO.		SERIAI 08/980	_ NO.	_
							SCLOSURE PPLICANT	80			APPLICA Smith et					
(37 CFR 1.98	3(b))	(Us	se se	evera	ıl she	ets i	f necessary)	4:3	SIMILE STATE OF STATE		FILING D. Decembe	ATE r 1, 1997		GROUI 3661	· · · · · · · · · · · · · · · · · · ·	
							U.\$	S. PATENTA	PROCUMENTS							
EXAMINER INITIAL		PA	TEN ⁻	T NU	IMBE	R	ISSUE DATE		PATENTEE			CLASS	SUB	CLASS	FILING DATE IF APPROPRIATE	:
	G.A															
	G.B		П													
	G.C															
	G.D															
	G.E													<u>က</u> ())	- 70	
	G.F													00	AR C	
	G.G													NA NA	23	
	G.H														26 CD	
	G.I													000		
	G.J													<u> </u>		
	G.K															
•	·			F	OREI	GN F	PATENTS OR	PUBLISHED	FOREIGN PAT	TE	NT APPL	ICATIONS				
		С		UME MBEI			PUBLICATIO DATE	N	COUNTRY O			CLASS	SUB	CLASS	TRANSLATION (YES/NO)	
	G.L															
	G.M															
	G.N															
	G.0												- -			
	G.P								- · · · ·							
	G.Q															
				01	THER	DO	CUMENTS (Inc	luding Aut	hor, Title, Date	е,	Place of	Publication)				
~ n/	G.R	Fujits netwo	<u>orks</u>	to g	eb Sit	e, <u>M</u> n ou	obile Commu r information	nication Sy oriented so	stems. Advan ciety., http://w	vv	ed mobile vw.fujitsu	communic ı-ten.com.jp	ations to o/outlin	echnolog e/moble-	gy helping of e.html, printed	

Pagenet Web Site, <u>PageNet Introduces DeliveryMate™ Automatic Dispatch Service</u>, http://www.pagenet.com/press/pr2399.htm, May 10, 1999 G,S

Andover Controls Message Board, Re: Looking For Remote Monitoring Service Company, G.T http://webserv.andover%Sfuser%5Fforum/%Fdisc/10000017a.htm, 1997

EXAMINER

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line through citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

•													Sheet _	8 (H)	of <u>10</u>	
SUBSTITUTE (MODIFIED)	FORM F	PTO-144	49					MENT OF COMMERCE TRADEMARK OFFICE		ATTY. DO	OCKET NO.		SERIA 08/98	L NO.		_
						DISCLOSURE APPLICANT	/	OLD E ACK		APPLICA Smith et						
(37 CFR 1.9	8(b))	(Us	e sev	eral:	sheet	s if necessary)		Kib Ju July Sales		FILING D	ATE r 1, 1997		GROUI 3661	P		
						L.	J.S. F	PATENT DOCHMENTS						,		
EXAMINER INITIAL		PAT	ENT	NUN	IBER	ISSUE DATE		PATENTEE			CLASS	SUBO	CLASS		NG DATE	
	H.A														- .	
	н.в															
	H.C															
	H.D													_		
	H.E												————————————————————————————————————			
	H.F												S	3		٠.
	H.G												3:	2	က္က	
	н.н												MAIL	~	XIII	
	H.I												RODM	000	Ö	
	H.J												3			
	н.к															
				FO	REIGN	N PATENTS OF	R PUI	BLISHED FOREIGN PAT	TE	ENT APPL	CATIONS					
			OCUI MUM		Γ	PUBLICAT DATE	ION	COUNTRY O PATENT OFFI			CLASS	SUBC	LASS		NSLATION (ES/NO)	1
	H.L															
	н.м															
	H.N															
	н.о															
	H.P															
	н.о								_					<u> </u>		
		_		отн	ER D	OCUMENTS (I	nclud	ding Author, Title, Date	₃,	Place of I	Publication)					
mw	H:R	Sriniva	asan,	Kalp	ana,	FCC to Act on	Spe	ctrum Request, Associ	a	ted Press	AP Online,	Octobe	r 21, 19	99		
20 M/		11 -1-	1					Camilaa Auintad		Denos AD	Online Nov	ombor	2 1000			

H.T Srinivasan, Kalpana, FCC to Act on Spectrum Request, Associated Press AP Online, October 21, 1999

H.T Srinivasan, Kalpana, FCC to Act on Spectrum Request, Associated Press AP Online, November 3, 1999

H.T Instep Mobile Web Site, The Zone Concept, http://www.instepmobile.com/Products/eDispatch2...raphic/Zone.htm, November 9, 1998

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if citation considered, whether or not in conformance. Draw line though citation only if not in conformance and not considered. Include a copy of this form with next communication to applicant.

Sheet	9 (1)	of	10

SUBSTITUTE FORM PTO-1449 (MODIFIED)					U.S. DEPARTMENT OF TOMMERCE PATENT AND TRADEMARK OFFICE			ATTY. DO	OCKET NO. DIV	•	SERIAL NO. 08/980,645		
							O MODE OF STREET	APPLICANT Smith et al.					
(Use several sheets if necessary) (37 CFR 1.98(b))								FILING DATE GR December 1, 1997 36				P	
(37 CFN 1.9	5(0))				U.S	S. PATENT D	A THINE	Decembe					_
EXAMINER ISSUE											FILING DATE		
INITIAL		PATE	NT N	UMBER	DATE	-	PATENTEE CLASS		CLASS	SUBCLASS		IF APPROPRIAT	ΓE
	I.A		+	-			-						
,	I.B												
	I.C	+ + +	-										
	I.D		-	-							 -		
	I.E		+								3600	R T T	
	I.F		+							<u> </u>	<u> </u>	P 🔿	
	I.G	++	+	-							<u> </u>		
	I.H											g G	
	1.1		+								₹00 		_
	I.K		╁								.		_
	1.10			EOREIG	I I SN PATENTS OR	PUBLISHED F	ORFIGN PAT	TENT APPL	I ICATIONS				
		Гро	СИМІ		PUBLICATIO		COUNTRY C					TRANSLATION	7
<u></u> -		1	UMBI		DATE		PATENT OFFICE		CLASS SUBO		CLASS	(YES/NO)	(YES/NO)
	I.L												
	I.M						- *			_	-		_
·	I.N												
	1.0			<u> </u>									_
	I.P												\dashv
	I.Q					l							\dashv
OTHER DOCUMENTS (Including Author, Title, Date, Place of Publication)													
mm	I.R	InStep Mobile Web Site, 'InStep Sells First "Shrinked Wrapped" Computerized Taxi Dispatch System to Day City Cab. It's the first wireless dispatch system to use the new CDPD Cellular Data Network., http://www.instepmobile.com/pressinfo/96/oct24.htm, October 24, 1996											
mW	I.S	Witsend Software Web Site, Fleet InSight GPS/AVL Fleet Management System, http://www.witsend.com/products/gps/information/roi.htm, 1998											
Map Trax Web Site, RASTRAC®, http://www.maptrax.com.au/rastrac.htm, 1999													
EXAMINER	7.	1	,	_			DATE CONS	/					
	1/	41	Les Les	<u> </u>	4		5/9	100					
					hether or not in c th next communi			nrough cita	tion only if	not in c	onforma	ance <u>and</u> not	

Sheet	10 (J)	of	_ 10
Sheet	10 (J)	01	10

SUBSTITUTE FORM PTO-1449 (MODIFIED) U.S. DEPARTMENT O PATENT AND TRADE							TMENT OF	COMMERCE TARK OFFICE	ATTY. DOCKET NO. TRAK/02DIV			SERIAL NO. 08/980,645		
	II S	NFOR	MA ⁻ EME	TION E	APPLICANT	CA E	AND STATE OF THE PARTY OF THE P	APPLICANT Smith et al.						
(37 CFR 1.9					s if necessary	Ki8 50	WAR OF	FILING DATE December 1, 1997			GROUP 3661			
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	- (-)					U.:	S. PRIVENT	DOCUMENTS		-				
EXAMINER INITIAL		PATENT NUMBER				ISSUE DATE	PATENTEE			CLASS	SUBCLASS		FILING DATE IF APPROPRIATE	
	J.A													
	J.B		П											
	J.C											4		
	J.D												3 3	
	J.E										3000	JU Z		
	J.F										5	23 ZU		
	J.G										ŕ	- Z	m	
	J.H										3	ROOM		
	J.I										:	3	ŕ	
	J.J													
	J.K										<u> </u>			
				FC	REIGN	N PATENTS OR	PUBLISHED	FOREIGN PA	TENT APPL	ICATIONS				
		DOCUMENT NUMBER				PUBLICATIO DATE	N	COUNTRY OR PATENT OFFICE		CLASS	SUBCLASS		TRANSLATION (YES/NO)	
	J.L											_		
	J.M													
	J.N													
	J.0													
	J.P													
	J.Q									<u></u>	<u> </u>			
				от	HER D	OCUMENTS (Inc	cluding Aut	hor, Title, Date	e, Place of	Publication))			
MW	J.R	Zurück, AIFS Automatisches Dispatching, date unknown												
mn	J.S	Blackmon, Douglas A., <u>FedEx CEO Smith Bets His Deal Will Recast the Future of Shipping</u> , The Wall Street Journal Interactive Edition, WSJ.com, November 4, 1999												
	J.T										_			
EXAMINER MA Hendli								DATE CONSIDERED						
EXAMINER:	Initial if	citation	cons	idere	d, wh	ether or not in o	onformanc	e. Draw line t	hrough cita	tion only if	not in ca	onforma	ance <u>and</u> not	